

FIG. 1

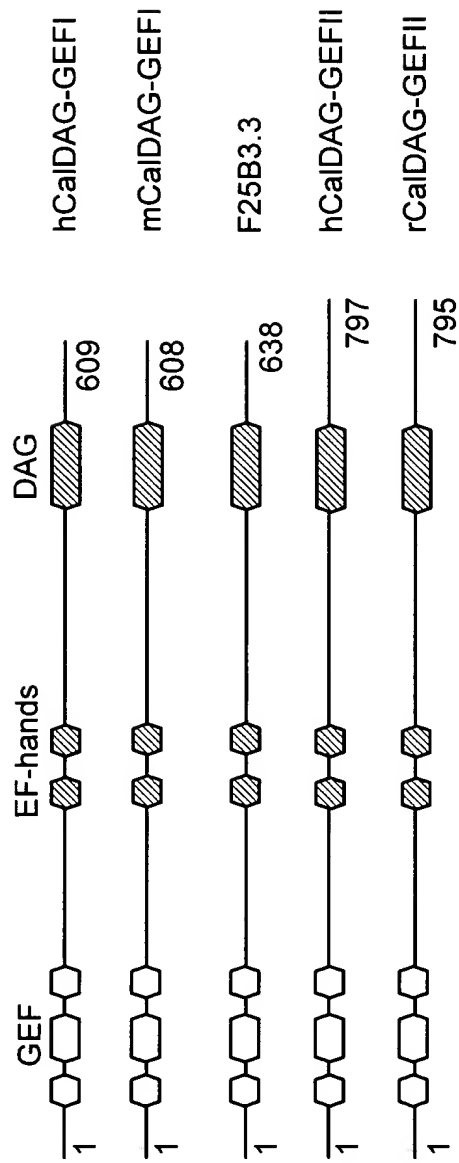


FIG. 2A

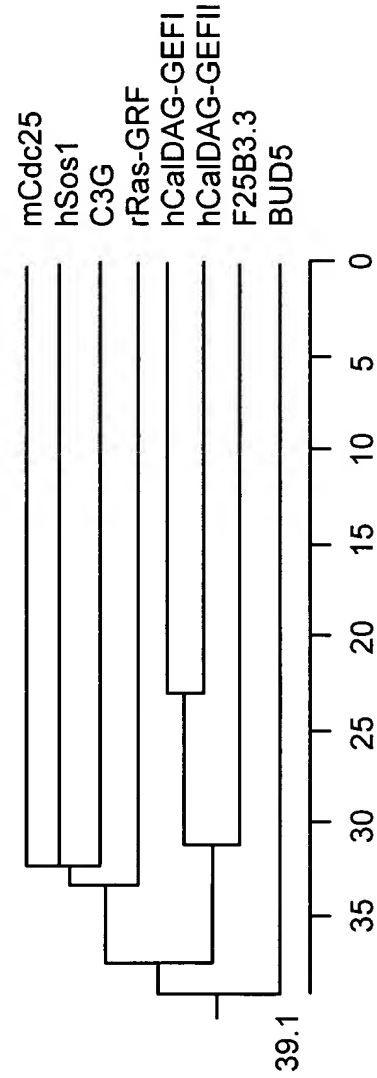


FIG. 2B

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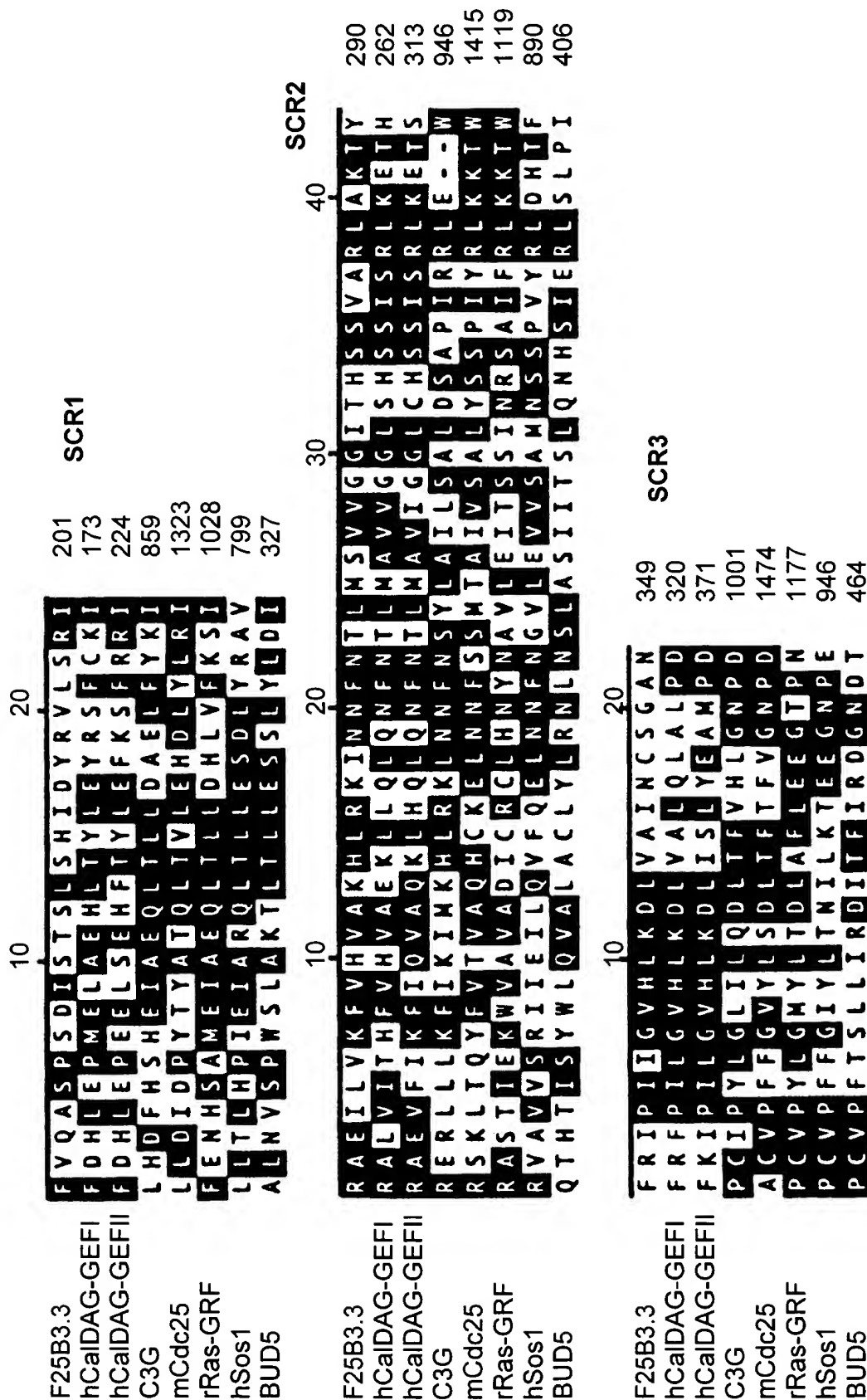


FIG. 2C

| | |
|--------------|--------------|
| FIG. 2D-1 | FIG. 2D-2 |
|--------------|--------------|

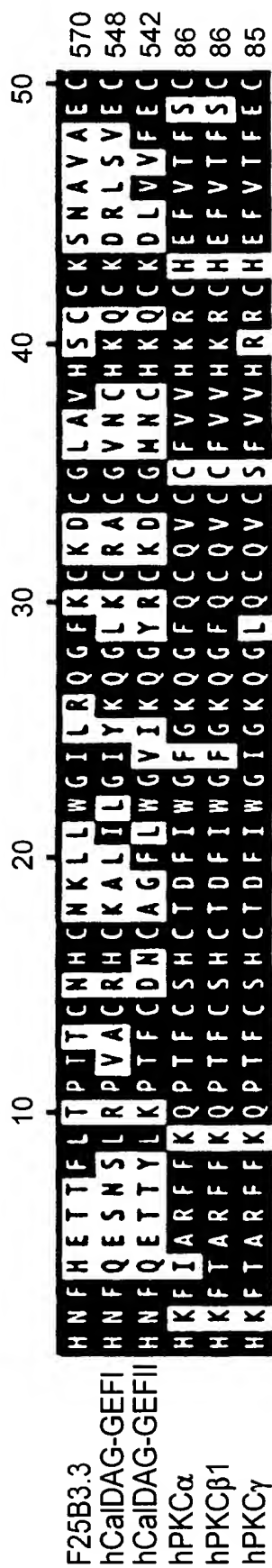
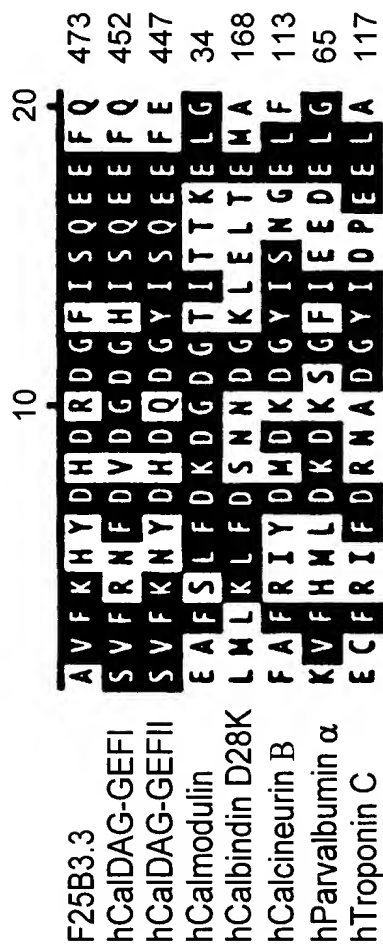
FIG. 2D

| | |
|--------------|---|
| hCaIDAG-GEFI | MAGTLDLDKGGCTVEEELLRGCCIEAFDDSGKVRDPQLVRRMFLMMHPWYIPSS |
| mCaIDAG-GEFI | MA ^S TLDLDKGGCTVEEELLRGCCIEAFDDSGKVRDPQLVRRMFLMMHPWYIPSS |
| hCaIDAG-GEFI | KELKALLDQEGNRRHSSSLIDID ^S VPPTYKWKRRQV ^T QRNPVGGQKKRKM ^S LLF |
| mCaIDAG-GEFI | KELKALLDQEGNRRHSSSLIDID ^E SVPTTYKWKRRQV ^T QRNPV ^E QKKRKM ^S LLF |
| hCaIDAG-GEFI | NSVSQWVQLMILSKPTAPQ ^R ALVITHFVHV ^A EKLLQLQNFNTLM ^A VVGGGL |
| mCaIDAG-GEFI | NSVSQWVQLMILSKPTA ^T Q ^R ALVITHFVHV ^A EKLLQLQNFNTLM ^A VVGGGL |
| hCaIDAG-GEFI | FPI ^L GVHLKDLVALQLALPDWLD ^P ARTRLNGAKMKQLFSI ^L EELAMV ^T SL |
| mCaIDAG-GEFI | FPI ^L GVHLKDLVALQLALPDWLD ^P ^G ARTRLNGAKMK ^R QLFSI ^L EELAMV ^T SL |
| hCaIDAG-GEFI | PPRPPVLEEWTSAAKPKLDQALVVEHIEK ^M VESVFRNFDV ^D GGGHIS ^Q EE |
| mCaIDAG-GEFI | PPRPPVLEEWTS ^V AKPKLDQALV ^A EHIEK ^M VESVFRNFDV ^D GGGHIS ^Q EE |
| hCaIDAG-GEFI | FQESNSLRPVACRHC ^K ALILGIYKQGLKCRACGVNCHKQCKDRLSVE ^C RR |
| mCaIDAG-GEFI | FQESNSLRPVACRHC ^K ALILGIYKQGLKCRACGVNCHKQCK ^E RRLSVE ^C RR |
| hCaIDAG-GEFI | EDGVFDIHL |
| mCaIDAG-GEFI | EDGVFDIHL |

FIG. 2D-1

FIG. 2D-2

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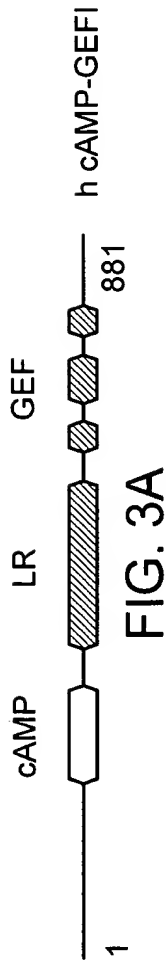


FIG. 3A

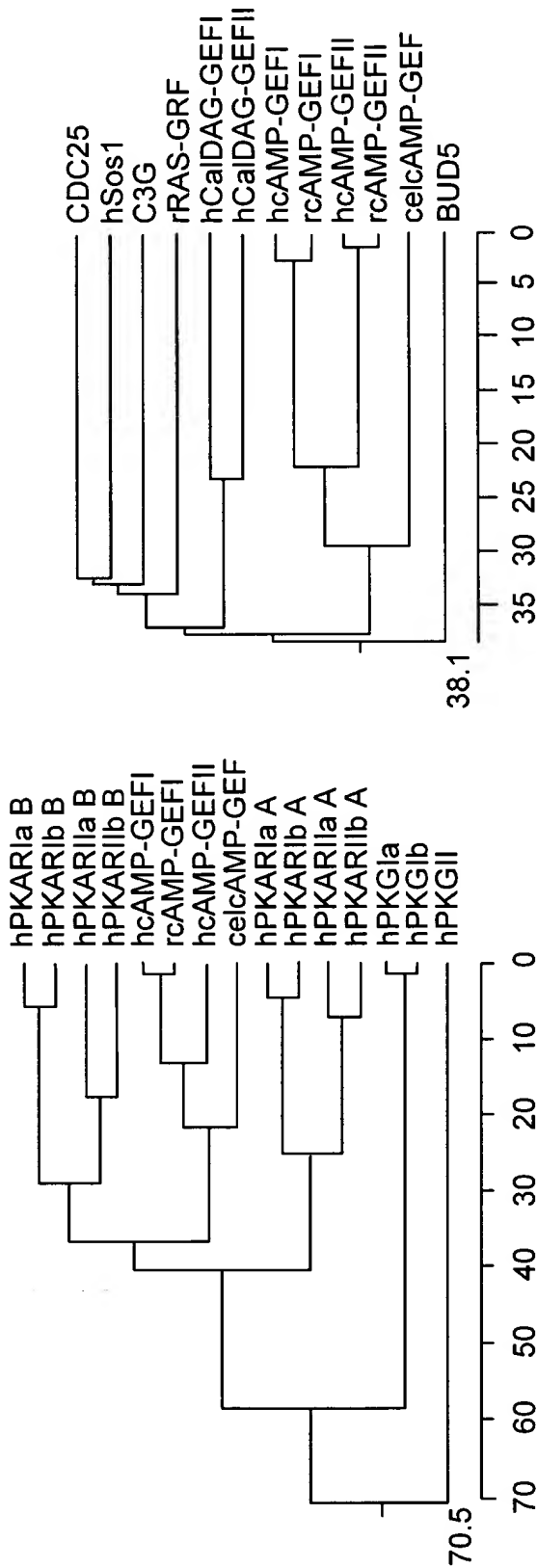


FIG. 3B

FIG. 3C

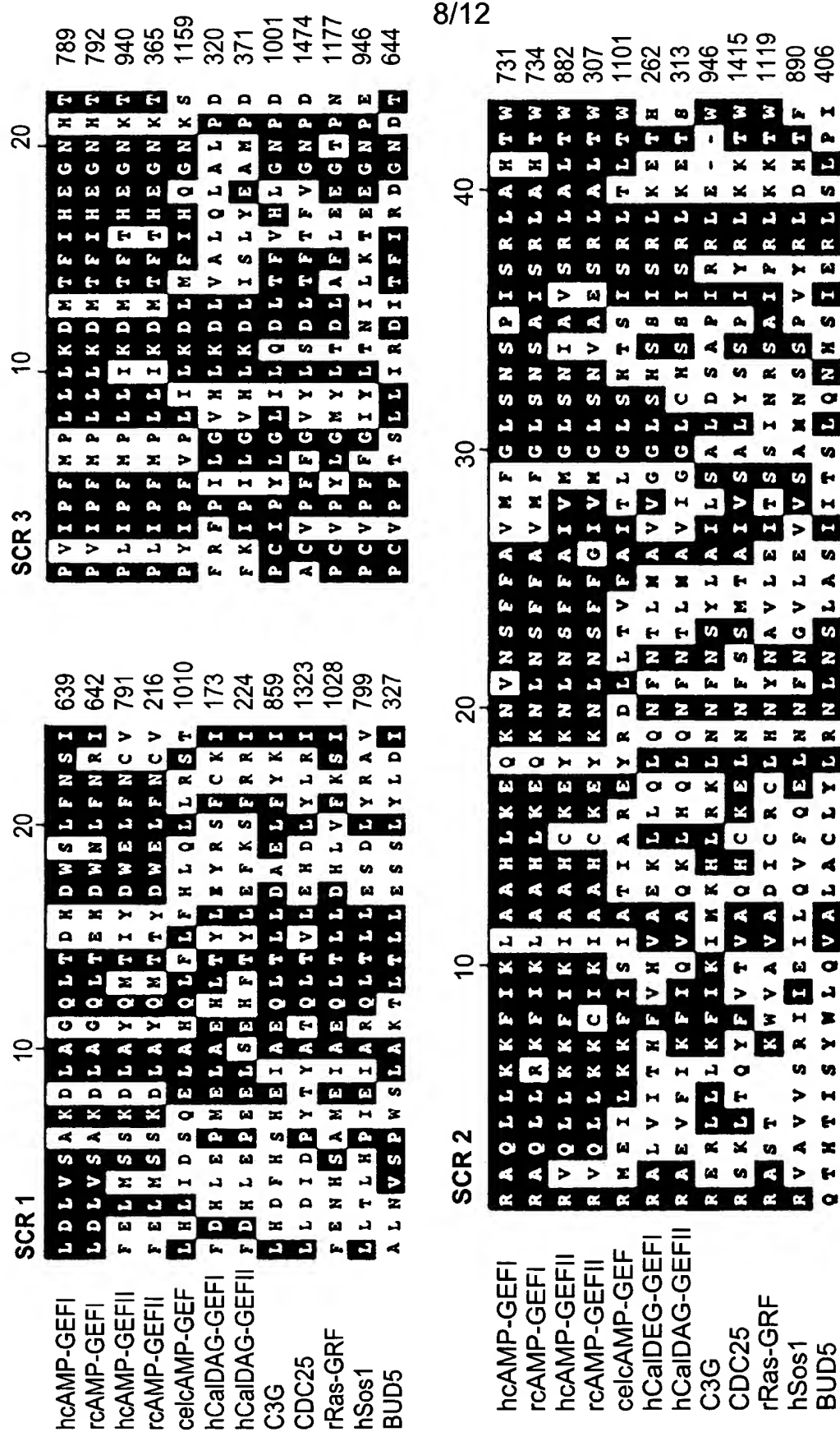


FIG. 3D

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| | |
|-------------|---|
| hcAMP-GEFI | M V L - - - - - |
| hcAMP-GEFII | M V A A H A A H S S S S A E W I A C L D K |
| hcAMP-GEFI | - - - - - H Q H P |
| hcAMP-GEFII | Y A V L A G S L D V K V S E T S S H Q D A |
| hcAMP-GEFI | - - - - - T P |
| hcAMP-GEFII | P Y G V M E T G S N N D R I P D K E N T P |
| hcAMP-GEFI | L V D G I L A L G L G V H S R S Q V V G I |
| hcAMP-GEFII | L V D W M M Q Q T P C V H S R T Q A V G M |
| hcAMP-GEFI | S Q R G P D A L L T V A L R K P P G Q R T |
| hcAMP-GEFII | S Q M G P D A H M R M I L R K P P G Q R T |
| hcAMP-GEFI | G S V N V V T H G K G L V T T L H E G D D |
| hcAMP-GEFII | G S V N V V I Y G K G V V C T L H E G D D |
| hcAMP-GEFI | A S Q G A - G P S R P P T P G R N R Y T V |
| hcAMP-GEFII | V P A G N R A S N Q G N S Q P Q Q K Y T V |
| hcAMP-GEFI | G G S E Q E R S T Y V C N K R Q Q I L R L |
| hcAMP-GEFII | Q G T E Q E K M D Y A L N N K R R V I R L |
| hcAMP-GEFI | S P Q M K A R N L P V W L P N Q D E P L P |
| hcAMP-GEFII | A P Q K K H K V L L Q Q F N T G D E R - A |
| hcAMP-GEFI | G D A I G L Q P D A R G V A T S L G L N E |
| hcAMP-GEFII | G E K V V L K P N D V S V F T T L T I N G |
| hcAMP-GEFI | H Y V L G P Q H L R D V T T A N L E R F M |
| hcAMP-GEFII | Y H T F G R H N F K K - T T A N L D L F L |
| hcAMP-GEFI | R L A H T W E R L P H K V R K L Y S A L E |
| hcAMP-GEFII | R L A L T W E K L P S K F K K F Y A E F E |
| hcAMP-GEFI | A A R M L H H C R S H N P V P L S P L R S |
| hcAMP-GEFII | T A R T V R Y Y R S Q - - - P F N P - - - |

FIG. 3F-1

FIG. 3F-2

FIG. 3F-3